

Engineering Department

Engineering Change Order (ECO)

ECO #: ECO-PN4-003-005

Effective Date: October 20, 2017

Title: Pro4 Power Supply C7 Replacement and Thermistors Retention Addendum

Author: Cesar Hernandez

Date: October 20, 2017

Engineering Approval: aeg

Date: October 25, 2017

Operations Approval: aeg

Date: October 25, 2017

Summary:

This ECO is an addition to ECO-PN4-003-004. High voltage sticker label was modified to accommodate thermistor retention through holes.

Parts Affected:

Part Number	Notes	Removed	Added	Modified
PN4-003	Circuit Board Panel Power Supply 5/12/24/74 V DC (Pro 4)	☐	☐	☒
50020	High Voltage Safety Sticker for Pro4 Power Supply	☐	☐	☒

Detail:

This ECO is an addition to ECO-PN4-003-004. Power supply High voltage sticker label was modified to accommodate thermistor retention through holes and correct part number PN4-003 is referenced in inventory action items. The foot print for the C7 cap will change to a 1210 standard footprint.

Action Item:

Action	Department	Acknowledgement Initials
- Update PN 50020 revision in Epicor - Approve First Article for Pro4 power supply and label	PE	CH
- Reference Rev B for part number PN4-003 - Reference Rev A for PN 50020 - Current stock for part number PN4-003 should be depleted before moving on to updated power supplies	Inventory	SL
- Notify Pro4 power supply manufacturer of the changes stated above. - Provide applicable documentation to Pro4 power supply assemblers including Gerber Files for the PCB and CAD file for high voltage label - Get a Pro4 power supply and label First Article for Engineering approval	Purchasing	NS
Continue to modify existing inventory of power supplies for thermistor retention until stock is depleted	Production	KK
Inspect Incoming power supplies for correct 1210 footprint C7 Cap and thermistor retention	QA	DO

Modified / Referenced Documents:

Document	Current Revision
50020.SLDDRW.pdf	X-06
PSU11_c.zip	11c

-- END OF ORDER --